

GenCore version 5.1.4.p5.4578
Copyright (c) 1993 - 2003 Comugen Ltd.

OM nucleic - nucleic search, using SW model

Run on: March 15, 2003, 15:05:45 ; Search time 16.1179 seconds
(without alignments)
10972.529 Million cell updates/sec

Title: US-08-978-217-6

Perfect score: 252

Sequence: 1 AATTGTGCTTGAGGAGCT.....CCGCGAGCTGTGCGCAGAGA 252

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCR_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	252	100.0	563	9	US-10-025-380-944
C 2	252	100.0	563	9	US-09-922-217-944
C 3	252	100.0	563	10	US-09-833-263-944
C 4	252	100.0	626	9	US-10-025-380-853
C 5	252	100.0	626	10	US-09-922-217-853
C 6	252	100.0	626	10	US-09-833-263-853
C 7	252	100.0	1915	10	US-09-964-824A-101
C 8	252	100.0	1915	10	US-09-964-824A-563
C 9	252	100.0	1915	10	US-09-880-107-3420
C 10	252	100.0	1915	10	US-09-967-768A-192
C 11	252	100.0	1917	9	US-10-025-380-1105
C 12	252	100.0	1917	10	US-09-922-217-1105
C 13	252	100.0	1996	10	US-09-925-301-207
C 14	249	98.8	355	10	US-09-867-701-4818
C 15	174	69.0	174	10	US-09-998-598-1740
C 16	63	25.0	437	10	US-09-998-598-2216
C 17	38.8	15.4	5173	10	US-09-880-107-3356
C 18	35.8	14.2	275	10	US-09-923-876-4804
C 19	35.2	14.0	13500	9	US-09-954-531-145

Query Match	Score	DB %	Length	Seqs
100.0%	252	9	563	Sequence 363, App
100.0%	252	10	563	Sequence 269, App
100.0%	252	10	563	Sequence 55, App
100.0%	252	10	563	Sequence 1132, App
100.0%	252	10	563	Sequence 1801, App
100.0%	252	10	563	Sequence 2265, App
100.0%	252	10	563	Sequence 4, App
100.0%	252	10	563	Sequence 3220, App
100.0%	252	10	563	Sequence 3, App
100.0%	252	10	563	Sequence 28, App
100.0%	252	10	563	Sequence 1, App
100.0%	252	10	563	Sequence 7885, App
100.0%	252	10	563	Sequence 1157, App
100.0%	252	10	563	Sequence 7988, App
100.0%	252	10	563	Sequence 9300, App
100.0%	252	10	563	Sequence 149, App
100.0%	252	10	563	Sequence 7834, App
100.0%	252	10	563	Sequence 710, App
100.0%	252	10	563	Sequence 1158, App
100.0%	252	10	563	Sequence 179, App
100.0%	252	10	563	Sequence 134, App
100.0%	252	10	563	Sequence 3, App
100.0%	252	10	563	Sequence 1, App

ALIGNMENTS

RESULT 1

US-10-025-380-944/c

Sequence 944, Application US/10025380

Publication No. US20020182191A1

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Lodes, Michael J.

APPLICANT: Secret, Heather

APPLICANT: Benson, Darin R.

APPLICANT: Meagher, Madeline Joy

APPLICANT: Stolk, John A.

APPLICANT: Wang, Tongtong

APPLICANT: Jiang, Yudi

APPLICANT: Smith, Carole L.

APPLICANT: King, Gordon E.

APPLICANT: Wang, Aijun

APPLICANT: Clapper, Jonathan D.

APPLICANT: Skeiky, Yasir A. W.

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick, Thomas S.

APPLICANT: Carter, Darick

TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121.471C14

CURRENT APPLICATION NUMBER: US/10/025,380

CURRENT FILING DATE: 2001-12-19

NUMBER OF SEQ ID NOS: 1129

SOFTWARE: FASTSEQ For Windows Version 4.0

SEQ ID NO 944

LENGTH: 563

TYPE: DNA

ORGANISM: Homo sapiens

US-10-025-380-944

Query Match

Best Local Similarity 100.0%; Pred. No. 8.2e-59;

Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 472 AATTGTGCTTGAGGAGCTGTGTCTTTGGGCTTGGGAGCAATCCATCC 413

QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 180
DB 352 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 2

US-09-922-217-944/c
Sequence 944, Application US/09922217
Patent No. US2002076414A1
GENERAL INFORMATION:
APPLICANT: Xu, Jianshun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tonglong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-944

Query Match 100.0%; Score 252; DB 10; Length 563;
Best Local Similarity 100.0%; Pred. No. 8.2e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGCGCCTTGAGAGCGGTGCTGCTTGGGCTCTGGGGAGCAACTCCATGCC 60
DB 472 AATTGCGCCTTGAGAGCGGTGCTGCTTGGGCTCTGGGGAGCAACTCCATGCC 413
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 180
DB 352 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 3

US-09-833-263-944/c
Sequence 944, Application US/09833263
Patent No. US20020110547A1
GENERAL INFORMATION:
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Stolk, John A.
APPLICANT: Meagher, Madeleine J.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C12
CURRENT FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-833-263-944

Query Match 100.0%; Score 252; DB 10; Length 563;
Best Local Similarity 100.0%; Pred. No. 8.2e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGCGCCTTGAGAGCGGTGCTGCTTGGGCTCTGGGGAGCAACTCCATGCC 60
DB 472 AATTGCGCCTTGAGAGCGGTGCTGCTTGGGCTCTGGGGAGCAACTCCATGCC 413
QY 61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 120
DB 412 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGCTG 353
QY 121 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 180
DB 352 GAGAAGATGGATGGCTTCCAGAGGCGCTTAGACCCCGGCTTTTACCAAGGCGGACG 293
QY 181 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 240
DB 292 CCCTTTGCCAGAGCTGCTGAGCAGCGGTCAAGCAAGCAGCCCTTACCAAGGCGGACG 233
QY 241 TGTGGCGCAGGA 252
DB 232 TGTGGCGCAGGA 221

RESULT 4

US-10-025-380-853/c
Sequence 853, Application US/10025380
Publication No. US20020182191A1
GENERAL INFORMATION:
APPLICANT: Xu, Jianshun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tonglong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick Thomas S.
APPLICANT: Carter, Darick
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C14
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129

SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-853

Query Match 100.0%; Score 252; DB 9; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 352
QY 121 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 180
DB 351 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 292
QY 181 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 240
DB 291 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 5

US-09-922-217-853/c
; Sequence 853, Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922.217
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-217-853

Query Match 100.0%; Score 252; DB 10; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 352

QY 121 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 180
DB 351 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 292
QY 181 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 240
DB 291 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 6

US-09-833-263-853/c
; Sequence 853, Application US/09833263
; Patent No. US2002010547A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Stolk, John A.
; APPLICANT: Meagher, Madeline J.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C12
; CURRENT APPLICATION NUMBER: US/09/833.263
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-833-263-853

Query Match 100.0%; Score 252; DB 10; Length 626;
Best Local Similarity 100.0%; Pred. No. 8.4e-59;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 60
DB 471 AATTGTCCTTGAAGAGCTGCTGCTCTTTGGGCTCTGGGAGCACTCCATGCC 412
QY 61 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 120
DB 411 CAGCTGGAGAGCTCACTTCCAGCTCTTCTGATGAGTCACTGATGAGTCTGTG 352
QY 121 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 180
DB 351 GAGAAGATGGCATGCGCTTCCAGAGGCTTAGACCCAGGCGCTTTGACCAAGGAGC 292
QY 181 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 240
DB 291 CCGTTTGGCCAGAGCTGCTGAGAGCGGTCAAGCAAGCCCTTACACCCGGGAGC 232
QY 241 TGTGGCGCAGGA 252
DB 231 TGTGGCGCAGGA 220

RESULT 7

US-09-964-824A-101
; Sequence 101, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signature
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964.824A
; NUMBER OF SEQ ID NOS: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236.033


```

; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE OF INVENTION: Sets
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 192
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-967-768A-192

Query Match          100.0%; Score 252; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 429 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 488
QY 61 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 489 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 548
QY 121 GAGAGAGATGCGATGCGCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACAGGCGCAGC 180
DB 549 GAGAGAGATGCGATGCGCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACAGGCGCAGC 608
QY 181 CCTTTGCCAGAGAGCTGCTGAGAGCGCTGACAGAGCGCCCTTACACCCGGCGAGC 240
DB 609 CCTTTGCCAGAGAGCTGCTGAGAGCGCTGACAGAGCGCCCTTACACCCGGCGAGC 668
QY 241 TGTGGCGCAGGA 252
DB 669 TGTGGCGCAGGA 680

RESULT 11
; US-10-025-380-1105
; Sequence 1105, Application US/10025380
; Publication No. US20020182191A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole L.
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick Thomas S.
; APPLICANT: Carter, Darick
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C14
; CURRENT APPLICATION NUMBER: US/10/025,380
; CURRENT FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 1129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
```

```

; LENGTH: 1917
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-025-380-1105

Query Match          100.0%; Score 252; DB 9; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 431 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 490
QY 61 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 491 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 550
QY 121 GAGAGAGATGCGATGCGCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACAGGCGCAGC 180
DB 551 GAGAGAGATGCGATGCGCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACAGGCGCAGC 610
QY 181 CCTTTGCCAGAGAGCTGCTGAGAGCGTACAGAGCGCCCTTACACCCCGGCGAGC 240
DB 611 CCTTTGCCAGAGAGCTGCTGAGAGCGTACAGAGCGCCCTTACACCCCGGCGAGC 670
QY 241 TGTGGCGCAGGA 252
DB 671 TGTGGCGCAGGA 682

RESULT 12
; US-09-922-217-1105
; Sequence 1105, Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922,217
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
; LENGTH: 1917
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-217-1105

Query Match          100.0%; Score 252; DB 10; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 60
DB 431 AATTGTCCTTGAAGAGCTGCTGTGCTCTTTGGGCTCTGGGGGACCAACTCCATGCC 490
QY 61 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 120
DB 491 CAGCTGGAGACCTCACTTCAGCTCTTCTGATGAGCTCACTTGGATTCATTCAGCTGCTG 550
QY 121 GAGAGAGATGCGATGCGCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACAGGCGCAGC 180
```

```

Db 551 GAGAGAGATGGATGAGCTTCCAGAGAGGCGCTAGACCCAGGCGCTTTGACCAAGGCGACG 610
Qy 181 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 240
Db 611 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 670
Qy 241 TGTGGCGCAGCA 252
Db 671 TGTGGCGCAGCA 682

```

RESULT 13

```

US-09-925-301-207
; Sequence 207, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 207
; LENGTH: 1996
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-301-207

```

```

Query Match 100.0%; Score 252; DB 10; Length 1996;
Best Local Similarity 100.0%; Pred. No. 1,1e-58;
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 AATTGTCCTTGGAGAGGAGCTGGCTGTGCTTTGGGCTCTGTGGGGAGCAACTCCATGCC 60
Db 450 AATTGTCCTTGGAGAGGAGCTGGCTGTGCTTTGGGCTCTGTGGGGAGCAACTCCATGCC 509
Qy 61 CAGCTGCGAGACTCACTTCCAGCTCTTGTGATGAGCTCAGTTGATCATTTGAGCTGTG 120
Db 510 CAGCTGCGAGACTCACTTCCAGCTCTTGTGATGAGCTCAGTTGATCATTTGAGCTGTG 569
Qy 121 GAGAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACG 180
Db 570 GAGAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACG 629
Qy 181 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 240
Db 630 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 689
Qy 241 TGTGGCGCAGCA 252
Db 690 TGTGGCGCAGCA 701

```

RESULT 14

```

US-09-867-701-4818
; Sequence 4818, Application US/09867701
; Patent No. US2002013237A1
; GENERAL INFORMATION:
; APPLICANT: Aglate, Paul A.
; APPLICANT: Jones, Robert
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.497
; CURRENT APPLICATION NUMBER: US/09/867,701
; CURRENT FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 10912

```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4818
; LENGTH: 355
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-867-701-4818

```

```

Query Match 98.8%; Score 249; DB 10; Length 355;
Best Local Similarity 100.0%; Pred. No. 4.6e-58;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 AATTGTCCTTGGAGAGCTGCTGCTGCTTTGGGCTCTGTGGGGAGCAACTCCATGCC 60
Db 107 AATTGTCCTTGGAGAGCTGCTGCTGCTTTGGGCTCTGTGGGGAGCAACTCCATGCC 166
Qy 61 CAGCTGCGAGACTCACTTCCAGCTCTTGTGATGAGCTCAGTTGATCATTTGAGCTGTG 120
Db 167 CAGCTGCGAGACTCACTTCCAGCTCTTGTGATGAGCTCAGTTGATCATTTGAGCTGTG 226
Qy 121 GAGAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACG 180
Db 227 GAGAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACG 286
Qy 181 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 240
Db 287 CCCTTTGCCAGAGACTGCTGAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGGACG 346
Qy 241 TGTGGCGCA 249
Db 347 TGTGGCGCA 355

```

RESULT 15

```

US-09-998-598-1740/c
; Sequence 1740, Application US/0998598
; Patent No. US20020150922A1
; GENERAL INFORMATION:
; APPLICANT: Stolk, John A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Chenault, Ruth A.
; APPLICANT: Mesgher, Madelein Joy
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.561
; CURRENT APPLICATION NUMBER: US/09/998,598
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2606
; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 1740
; LENGTH: 174
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-998-598-1740

```

```

Query Match 69.0%; Score 174; DB 10; Length 174;
Best Local Similarity 100.0%; Pred. No. 5.4e-38;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 64 CTGCGAGACTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGTGAG 123
Db 174 CTGCGAGACTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTGAGCTGTGAG 115
Qy 124 AAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACGCC 183
Db 114 AAGGATGGATGGCTCTTCCAGAGGCGCTTAGACCCAGGCGCTTTGACCAAGGCGACGCC 55
Qy 184 TTGCGCCAGAGCTGTCAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGG 237
Db 54 TTGCGCCAGAGCTGTCAGACGAGCTCAGCAAGCCAGGCGCTTACCAACCCGGG 1

```

```

Search completed: March 15, 2003, 23:29:33
Job time : 21.1179 secs

```


